

ABSTRACT OF THE DISCLOSURE

A system for network device upgrade. A computer system outputs a first packet and a second packet. The first packet comprises at least version identification for upgrade data. The
5 second packet comprises at least the upgrade data. A switching device is connected the computer system. A plurality of network devices is connected to the switching device to receive the first and second packets, and receives the first package to generate non-repetitive IP addresses corresponding to the computer
10 system, selectively generating an upgrade request according to the version identification data in the first packet and outputting the request to the computer system.